

RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/368,776DATE: 01/28/95  
TIME: 16:26:27

INPUT SET: S2076.raw

This Raw Listing contains the General  
Information Section and up to the first 5 pages.

ENTERED

## SEQUENCE LISTING

## (1) General Information:

(i) APPLICANT: Thomas Ciossek, Axel Ullrich, Birgit  
Millauer

(ii) TITLE OF INVENTION: METHODS FOR DIAGNOSIS AND TREATMENT OF  
MDK1 SIGNAL TRANSDUCTION DISORDERS

(iii) NUMBER OF SEQUENCES: 10

## (iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: Lyon & Lyon  
(B) STREET: 633 West Fifth Street  
(C) CITY: Los Angeles  
(D) STATE: California  
(E) COUNTRY: USA  
(F) ZIP: 90071

## (v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
(B) COMPUTER: IBM compatible  
(C) OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)  
(D) SOFTWARE: WordPerfect (Version 5.1)

## (vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER: to be assigned  
(B) FILING DATE: January 3, 1995  
(C) CLASSIFICATION:

## (vii) PRIOR APPLICATION DATA:

Prior applications total,  
including application  
described below: none

(A) APPLICATION NUMBER:  
(B) FILING DATE:

## (viii) ATTORNEY/AGENT INFORMATION:

RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/368,776DATE: 01/28/95  
TIME: 16:26:30

INPUT SET: S2076.raw

47 (A) NAME: Warburg, Richard J:  
48 (B) REGISTRATION NUMBER: 32,327  
49 (C) REFERENCE/DOCKET NUMBER: 208/007  
50

## (ix) TELECOMMUNICATION INFORMATION:

51  
52  
53 (A) TELEPHONE: (213) 489-1600  
54 (B) TELEFAX: (213) 955-0440  
55 (C) TELEX: 67-3510  
56  
57

## (1) INFORMATION FOR SEQUENCE ID NO: 1:

## (i) SEQUENCE CHARACTERISTICS:

60  
61 (A) LENGTH: 4304  
62 (B) TYPE: nucleic acid  
63 (C) STRANDNESS: single  
64 (D) TOPOLOGY: linear  
65

(ii) MOLECULE TYPE: nucleic

## (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

66  
67  
68  
69  
70  
71 AAGCGGCCGG TCTGCAGTCG GAGACTTGCA GGCAGCAAAC ACGGTGCGAA 50  
72  
73 CGAACCGGAG GGGGGAGAGA GAAATCAAAC AGCTAAGCGT GGAGCAGACG 100  
74  
75 GCCTGGGACC CAGAAGGGGA TCGATGCGAG GAGCGCAATA ATAACAACAA 150  
76  
77 TAATAACCCA CTTCGGAGCA AACAGCATCT AAAGAGCTGC GACCCAAC TG 200  
78  
79 CAGCCTAAAA AAATCAAACC TGCTCATGCA CCATGGTTGT TCAAAC TCGG 250  
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81 TTCCCTTCGT GGATTATTTT GTGTTACATC TGGCTGCTTG GCTTTGCACA 300  
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85 CACAACAAAC AGAATTGGAA TGGATTTCCCT CTCCACCCAG TGGGTGGGAA 400  
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87 GAAATTAGTG GTTTGGATGA GAACTACACT CCGATAAGAA CATAACAGGT 450  
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89 GTGCCAGGTC ATGGAGCCCA ACCAGAACAA CTGGCTGCGG ACTAACTGGA 500  
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91 TTTCTAAAGG CAACGCACAA AGGATTTTTG TAGAATTGAA ATTCACCTTG 550  
92  
93 AGGGATTGTA ATAGTCTTCC CGGAGTCCTG GGAAC TTGCA AGGAAACGTT 600  
94  
95 TAATTTGTAC TATTATGAAA CAGACTACGA CACCGGCAGG AATATACGAG 650  
96  
97 AAAACCTTTA TGTTAAAATA GACACCATTG CTGCAGATGA AAGTTTCACA 700  
98  
99 CAAGGTGACC TTGGTGAAAAG AAAGATGAAG CTGAACACTG AGGTGAGAGA 750

RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/368,776DATE: 01/28/95  
TIME: 16:26:33

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107	ATTTTCCTCC	TTAGTCGAGG	TCCGTGGGAC	ATGTGTCAGC	AGTGCCGAGG	950
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109	AAGAGGCAGA	AAATTCCCCC	AGAATGCATT	GCAGTGCAGA	AGGAGAGTGG	1000
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RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/368,776DATE: 01/28/95  
TIME: 16:26:37

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159	CAGAGAGATG	TTGCAGTGGC	CATAAAAACC	CTGAAAGTTG	GTTACACAGA	2250
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161	AAAGCAAAGG	AGGGACTTTT	TATGCGAAGC	AAGCATCATG	GGGCAATTTG	2300
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163	ACCACCCAAA	TGTCGTCCAT	TTGGAAGGGG	TTGTTACAAG	AGGGAAGCCT	2350
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165	GTCATGATTG	TGATAGAGTT	CATGGAGAAT	GGAGCCCTGG	ATGCATTTCT	2400
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169	GAGGTATTGC	CGCTGGGATG	CGATACTTGG	CTGATATGGG	ATACGTTTAC	2500
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173	AGTGTCAGAT	TTTGGCCTTT	CCCGGGTTAT	AGAGGATGAT	CCCGAAGCTG	2600
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189	TGTAGTAGAC	CCTTAAGCCC	TCTTCTGGAC	CAGAGCACTC	CTGACTTCAC	3000
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RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/368,776DATE: 01/28/95  
TIME: 16:26:40

INPUT SET: S2076.raw

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215 TGAAATATTT TCCTTAAAAT ATGTGATTTT AGACTATTCT TTTCCAGAAC 3650
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218
219 CTTTGGACCT TTTTAGTGTT AAATTTATGA CACGTACTA CACTGGGAAC 3750
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221 CTTTGAAGAC TCTCAAACCT AAAGGAAAGC AAACTACGC ACATAGTCGA 3800
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223 GGATGGACTT TGTCCCTTCAT GGCTTTGGTA TCCTGGCTGT GTCATTTTGT 3850
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225 TAAACCAGTG ATGTTTTCAT ATTGTTTGCT GATTGGCAGG TAGTTCAAAA 3900
226
227 TTGCAAGTTG CCAAGAGCTC TGATATTTTT TAACAGGATT TTTTTTCTT 3950
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229 TGTAATAATC AGATAACATA CTAACTTTTC AATGAAAAAA AAAAAAAAG 4000
230
231 AAGCAATAAT GATCCATAAA TACTATAAGG CACTTTTAAC AGATTGTTTA 4050
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233 TAGAGTGATT TACTAGGCAG AATTTAATAA AAAAAAAGA GAGATGTCAA 4100
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235 ATTTTAGGTT TATGTGTATA TGATAAAAGG CTGAGCTTCG TCTGAAGATG 4150
236
237 CTGGTGAAAG CAAGACTGGA AGCGAAGCTC TCCAGCTTTG GCTAACCCAA 4200
238
239 TCCGAGCACA TCAAGAGCTT CAGTCTTGTT ACAGTAAGAA ATTTAGGAAC 4250
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241 ATAGTTGACC TATATTTTGT ATTCTTCTT GTTGAATGCA GTCCAAATAC 4300
242
243 AAAAA 4304
244
245
246
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(1) INFORMATION FOR SEQUENCE ID NO: 2:

(i) SEQUENCE CHARACTERISTICS:

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(A) LENGTH: 998
(B) TYPE: amino acid
(C) STRANDNESS: single
(D) TOPOLOGY: linear
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(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:

PAGE: 1

**SEQUENCE VERIFICATION REPORT**  
**PATENT APPLICATION US/08/368,776**

DATE: 01/28/95  
TIME: 16:26:44

*INPUT SET: S2076.raw*

Line	Error	Original Text
32	Wrong application Serial Number	(A) APPLICATION NUMBER: to be assigned